

### **ABSTRACT OF THE DISCLOSURE**

An apparatus such as a connector or circuit includes a substrate having a plurality of conductive members and a plurality of non-conductive members. The conductive members include a plurality of conductive fibers in association with a polymer material. The conductive members and the non-  
5 conductive members are disposed in the substrate member and are selectively situated with respect to each other forming a modular matrix configuration of contacts suitable for an array or association with other circuitry.